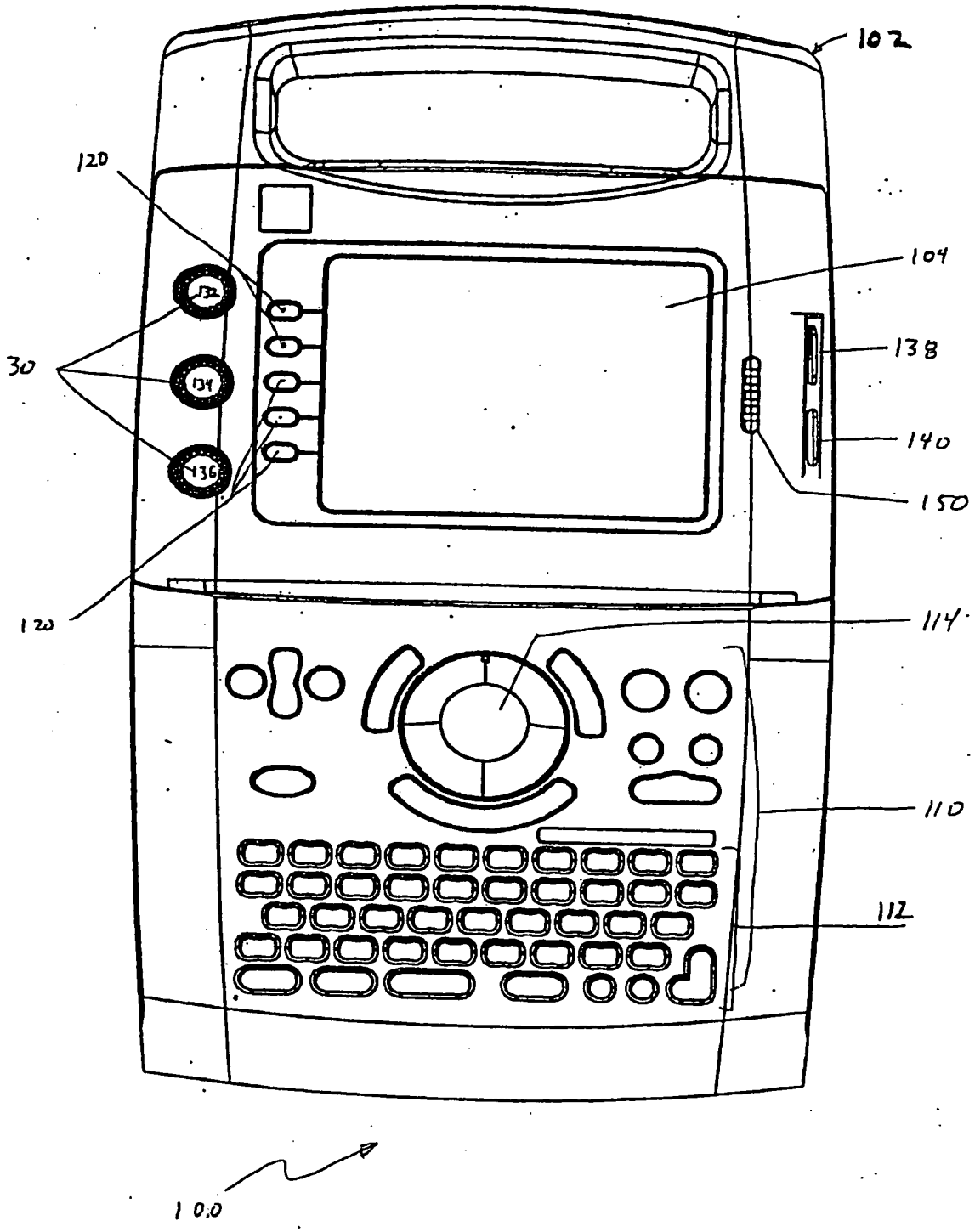
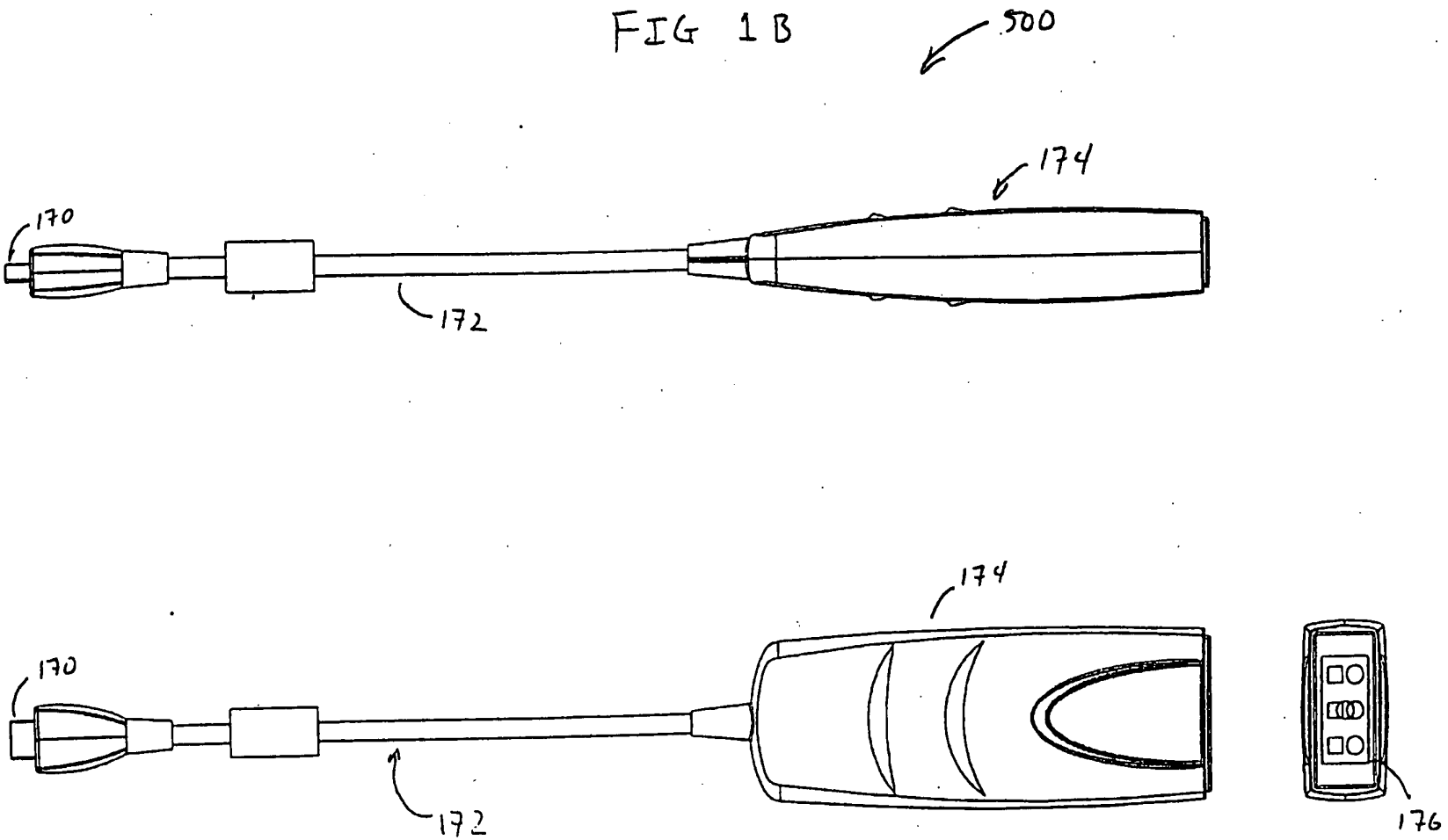
Fig 1



20010202.0716.0106217

20T020'6ZT290T

FIG 1B



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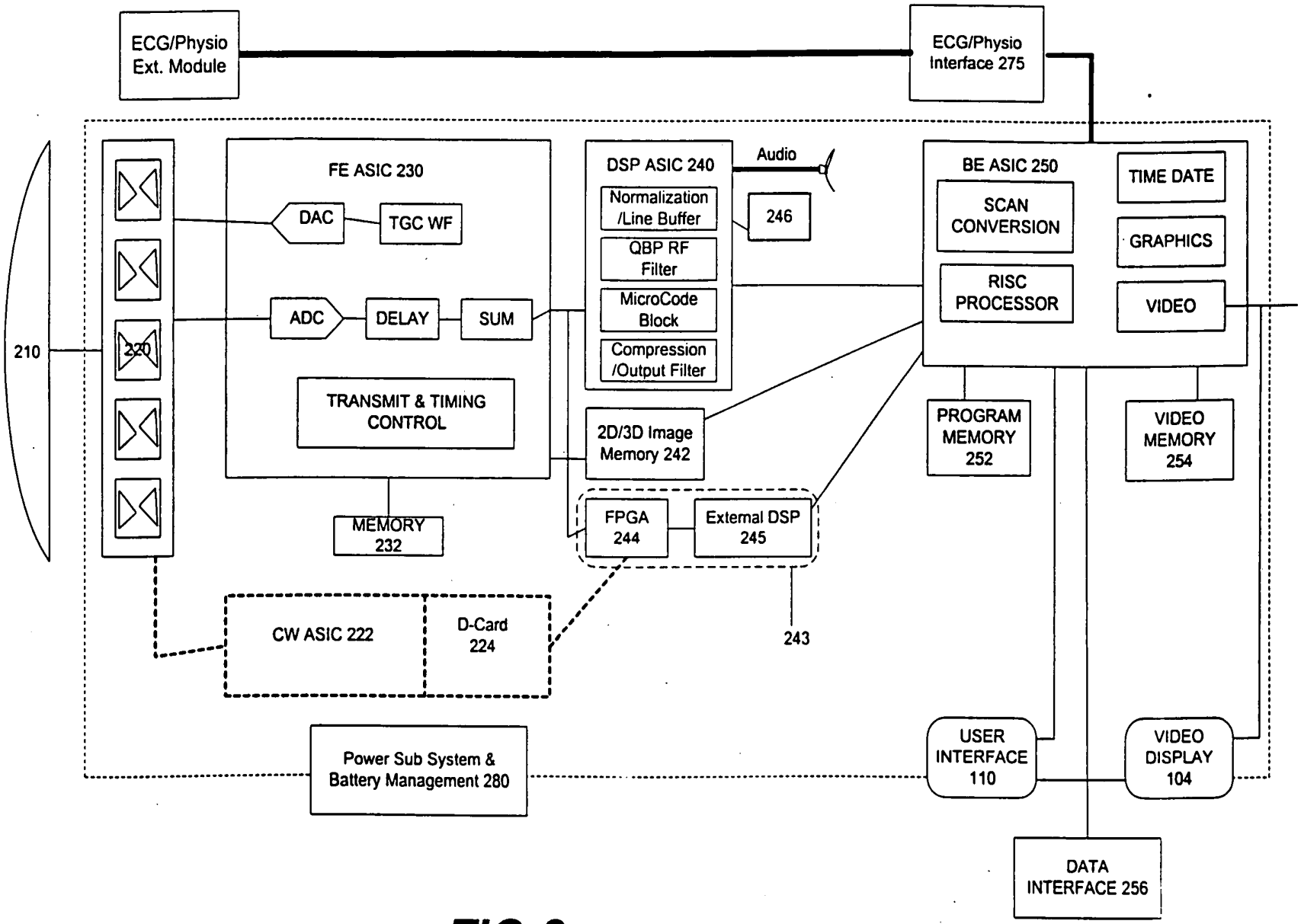


FIG 2

20T020"6ZT290T

FIG. 3

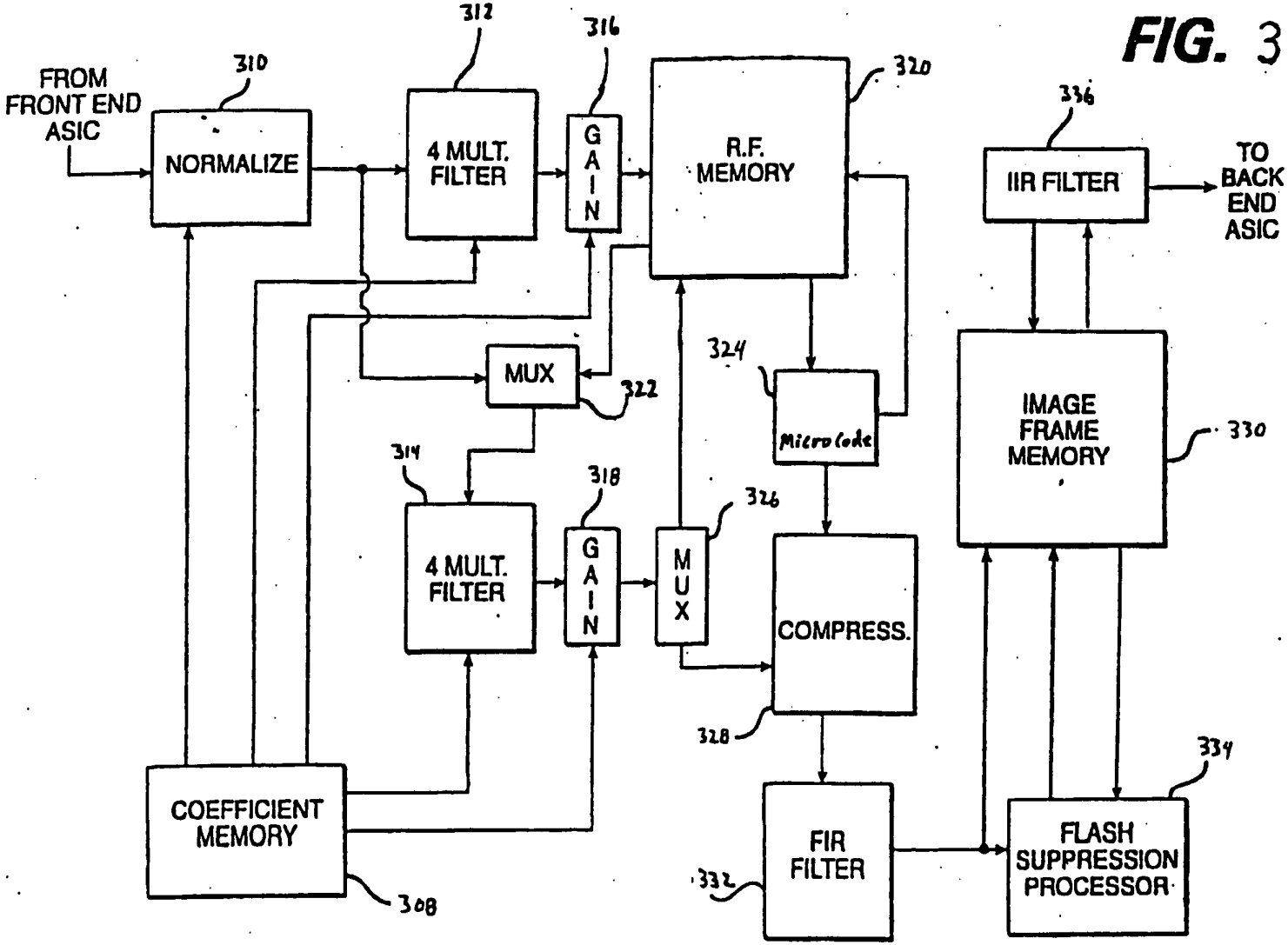


Fig. 4

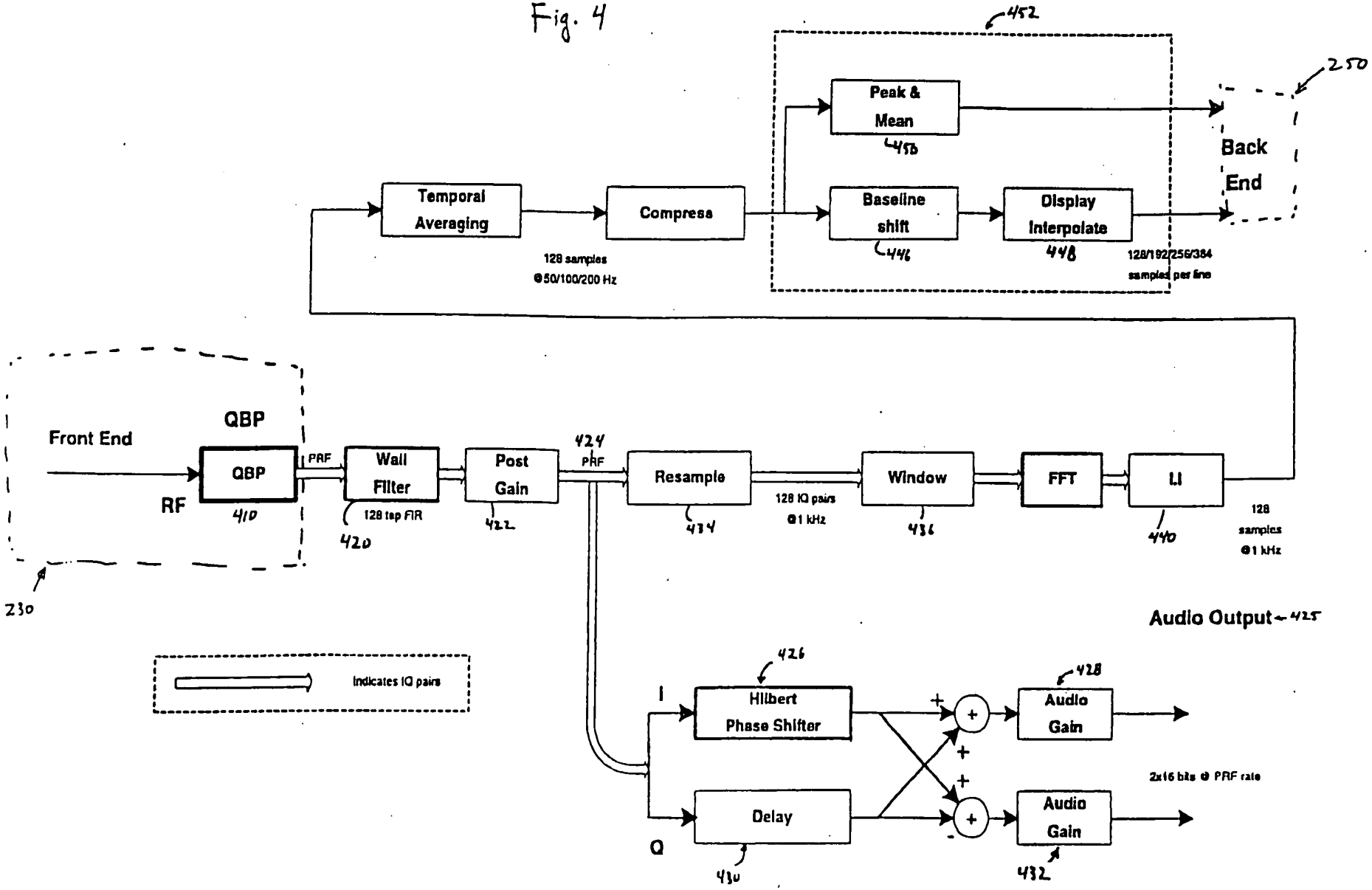
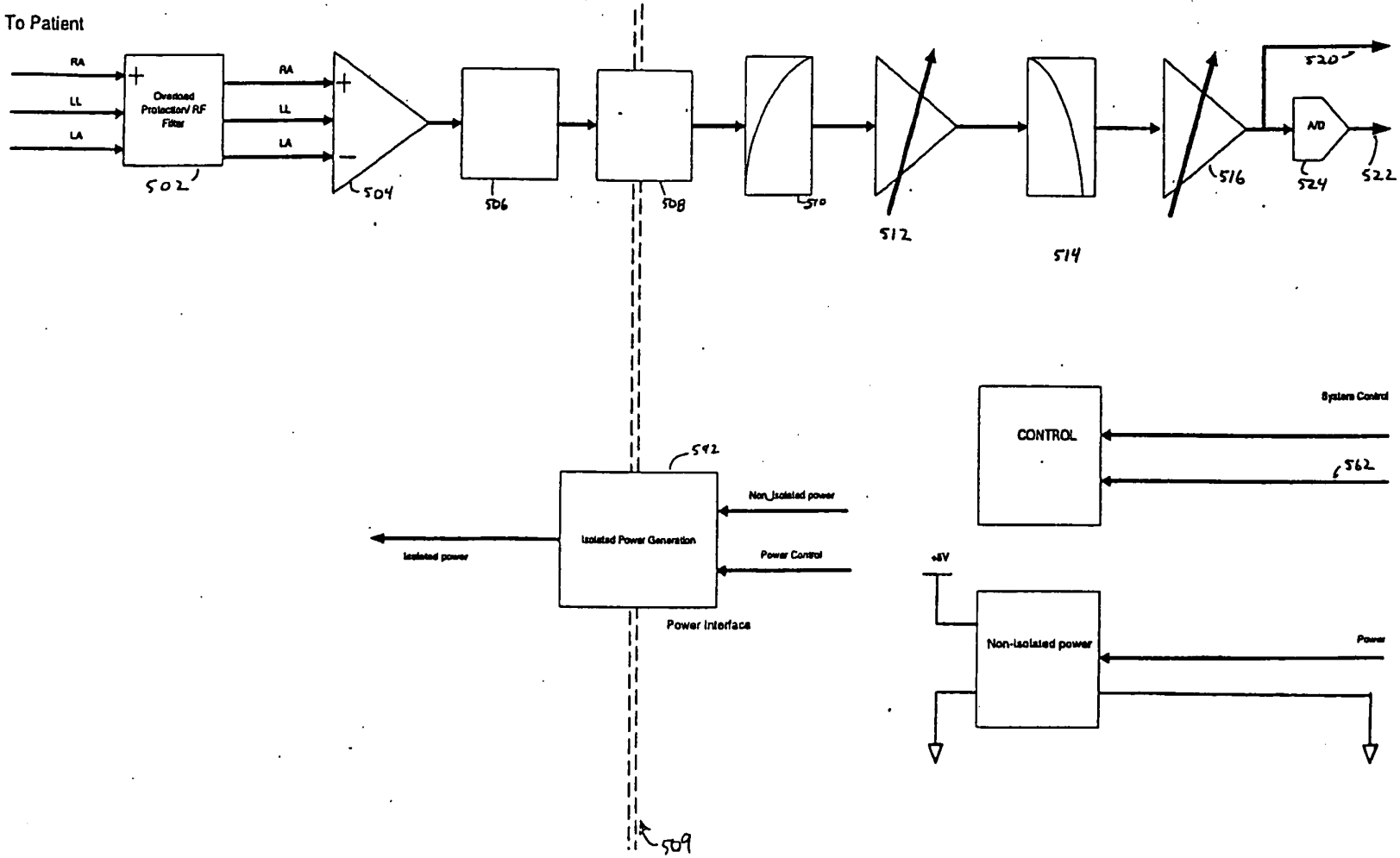

452
250
Peak & Mean
456
Back End
Temporal Averaging
Compress
Baseline shift
446
Display Interpolate
448
128 samples @50/100/200 Hz
128/192/256/384 samples per line
Front End
QBP
RF
410
PRF
Wall Filter
128 tap FIR
420
Post Gain
422
424
PRF
Resample
434
128 IQ pairs @1 kHz
Window
436
FFT
LI
440
128 samples @1 kHz
230
Audio Output
425
Indicates IQ pairs
426
I
Hilbert Phase Shifter
Delay
Q
430
428
Audio Gain
Audio Gain
432
2x16 bits @ PRF rate

FIG. 5


To Patient
RA
LL
LA
Overload Protection/ RF Filter
502
RA
LL
LA
504
506
508
510
512
514
516
520
A/D
524
522
509
592
Isolated Power Generation
Non_Isolated power
Isolated power
Power Control
Power Interface
CONTROL
System Control
562
+5V
Non-Isolated power
Power

20T020' 6ZT290T

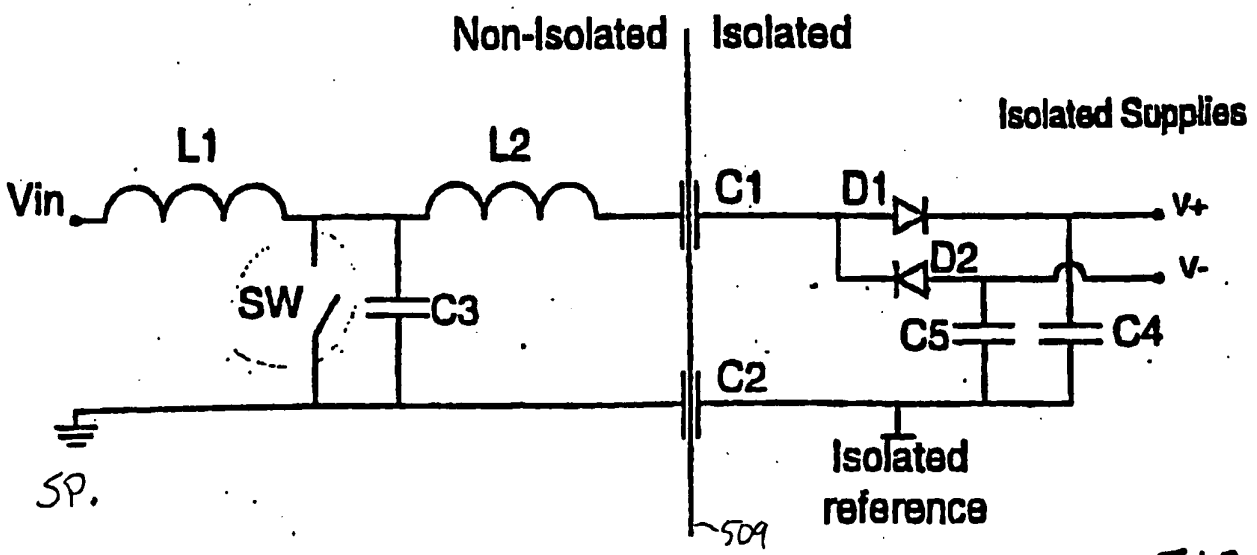


FIG. 6

Fig 7

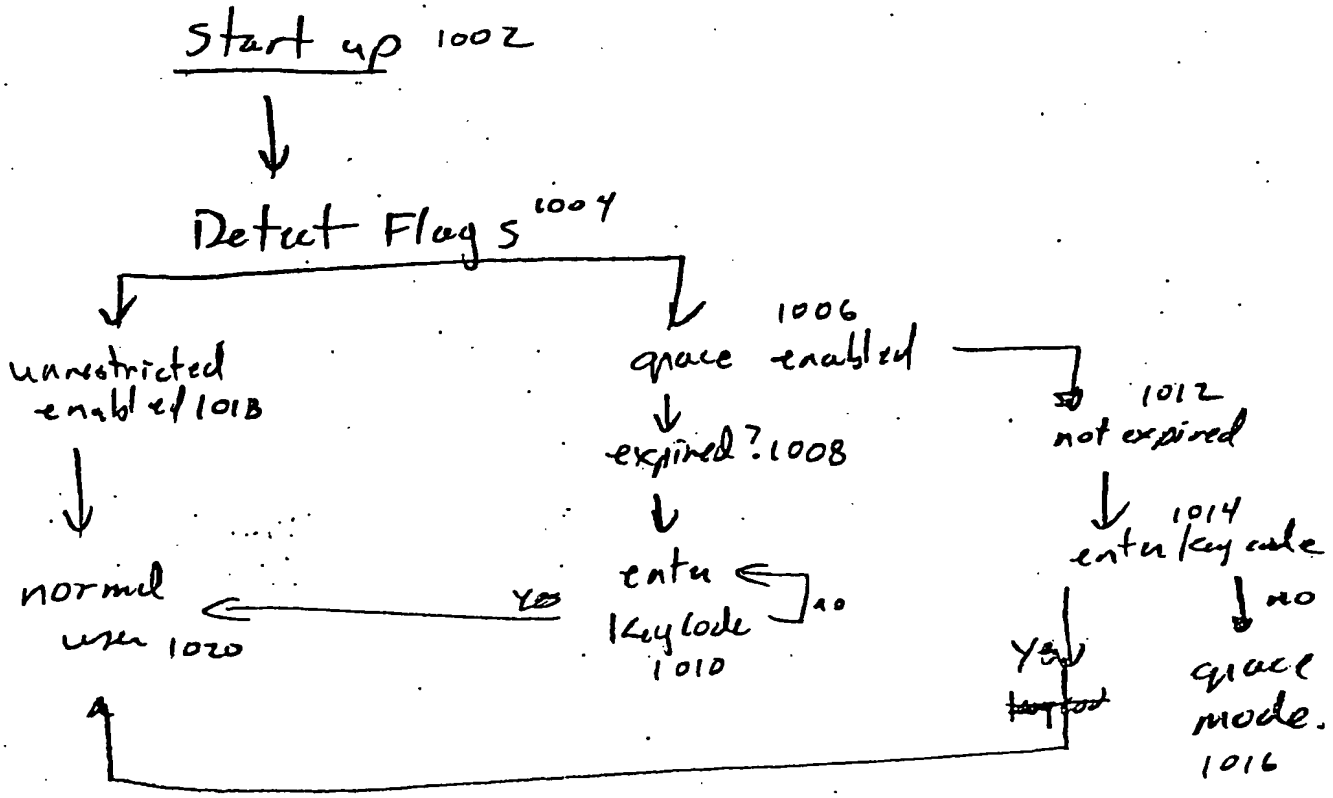


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Fig 8

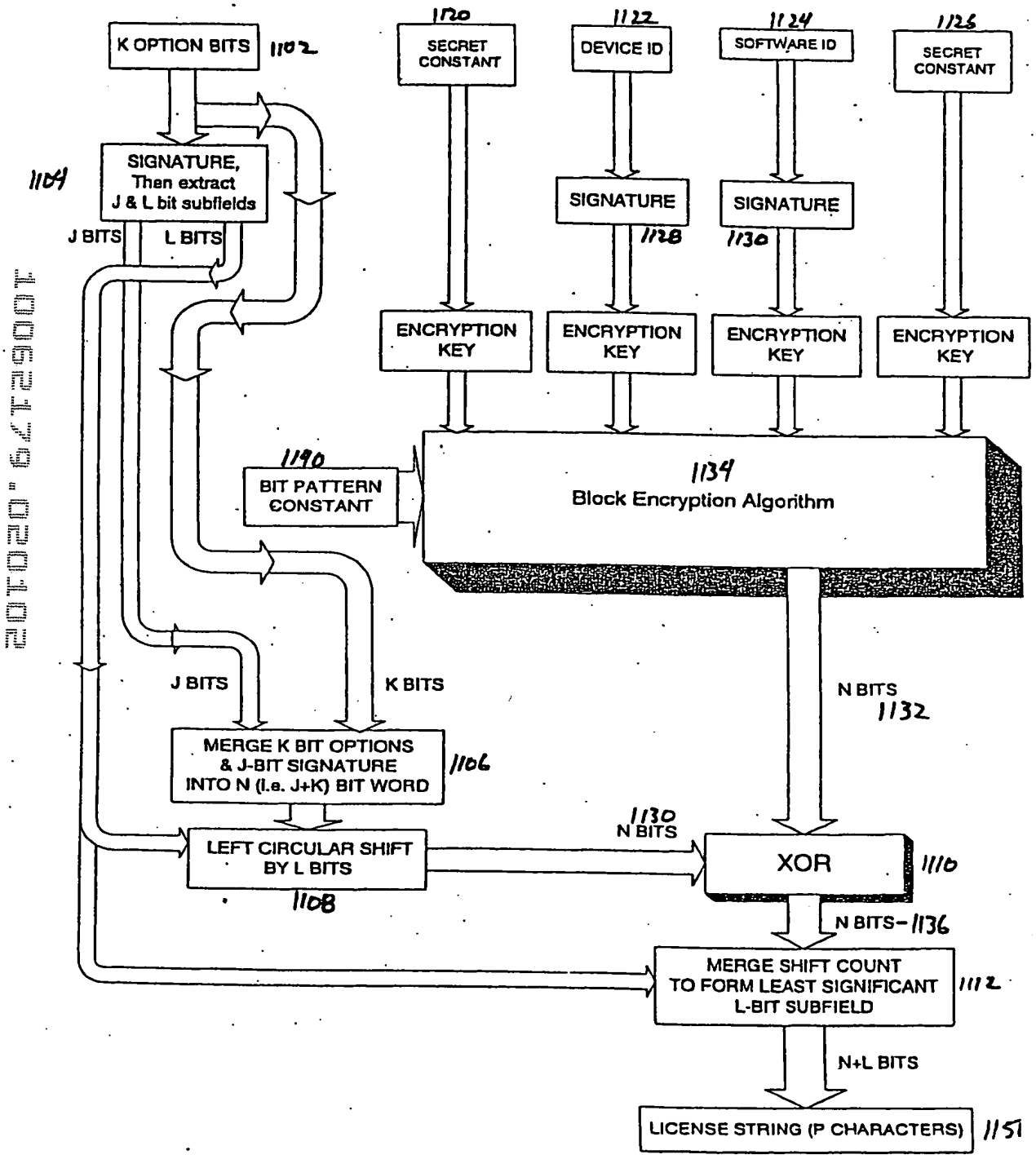

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Fig. 9

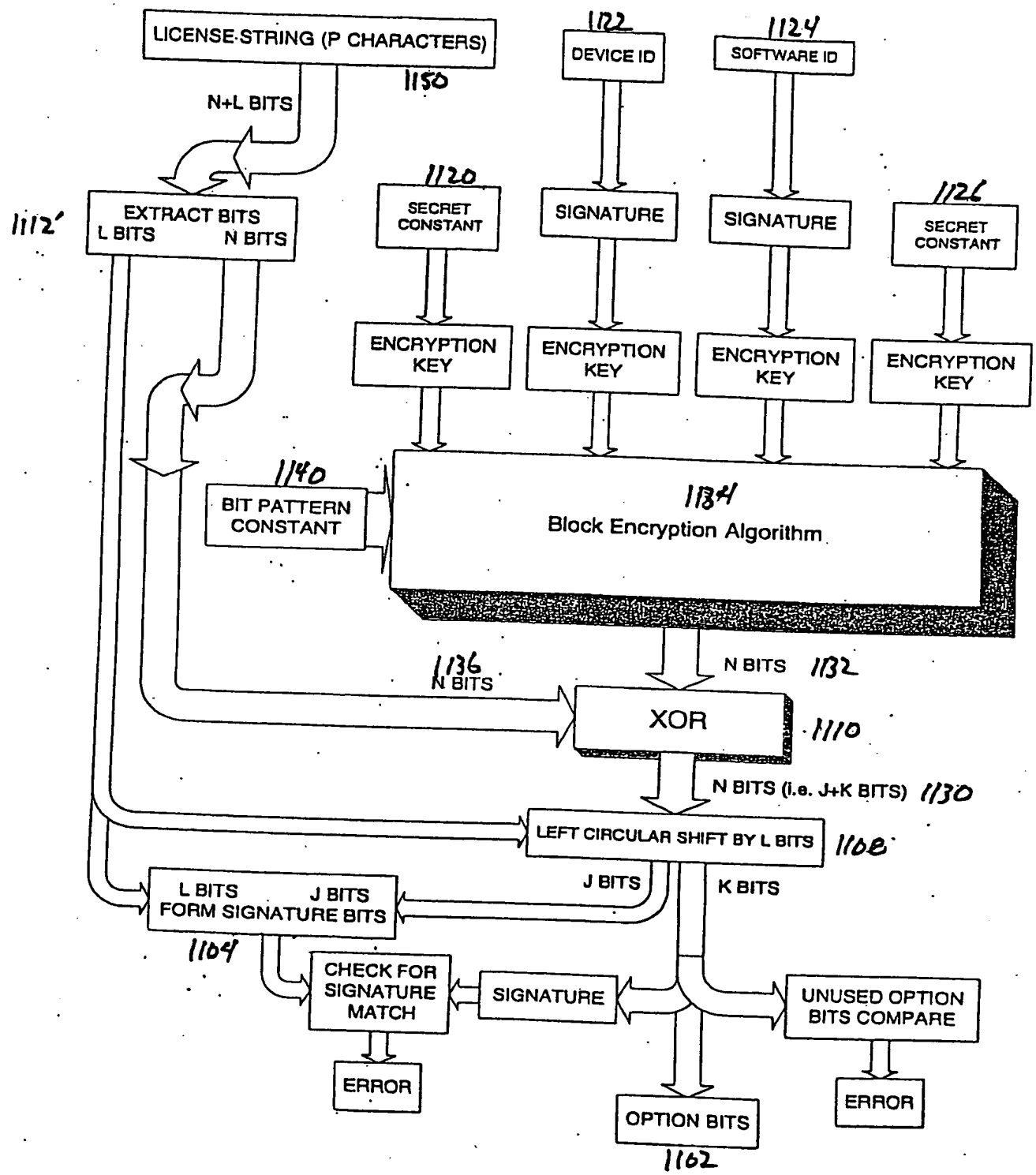

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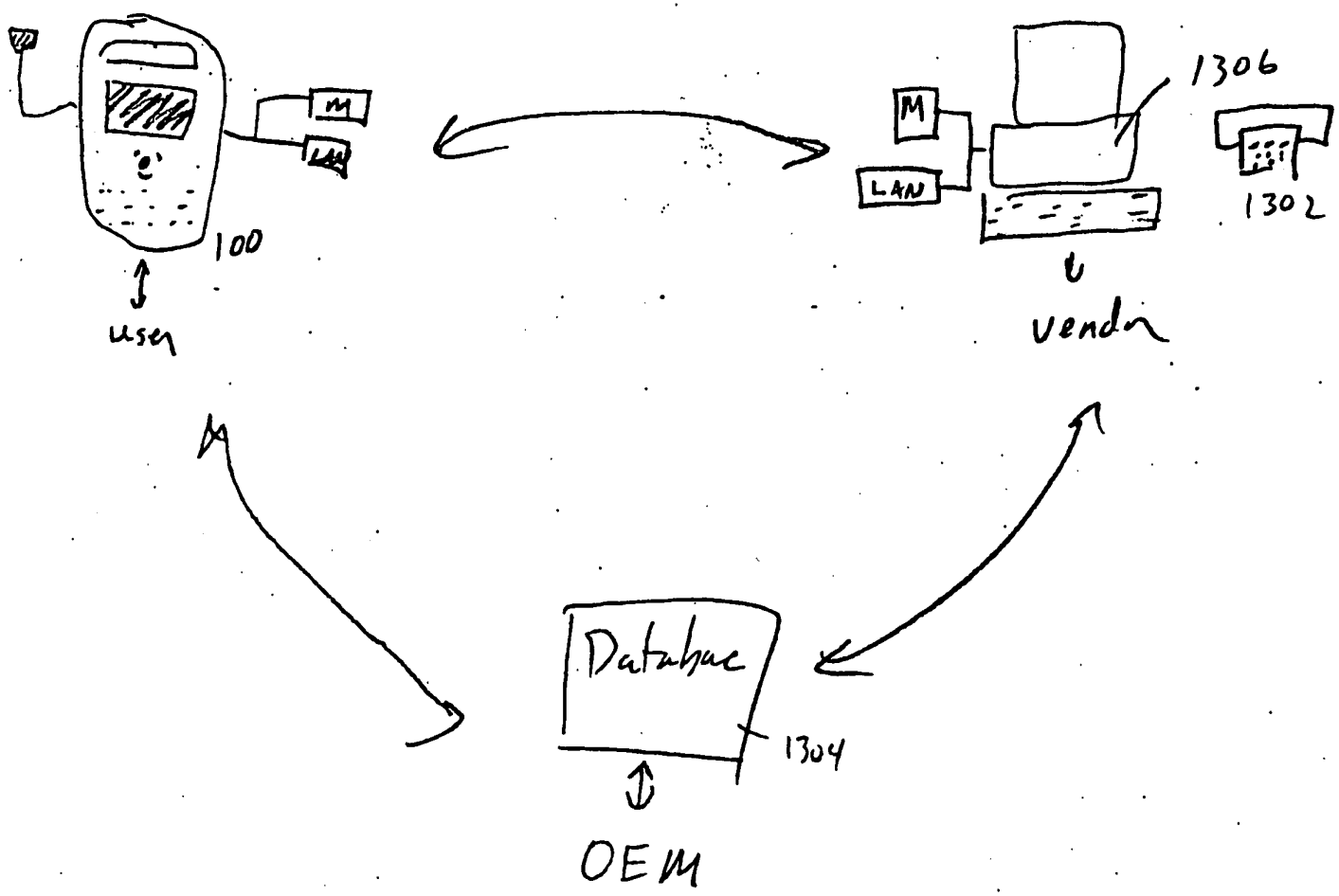
Fig 10



4606278.020402

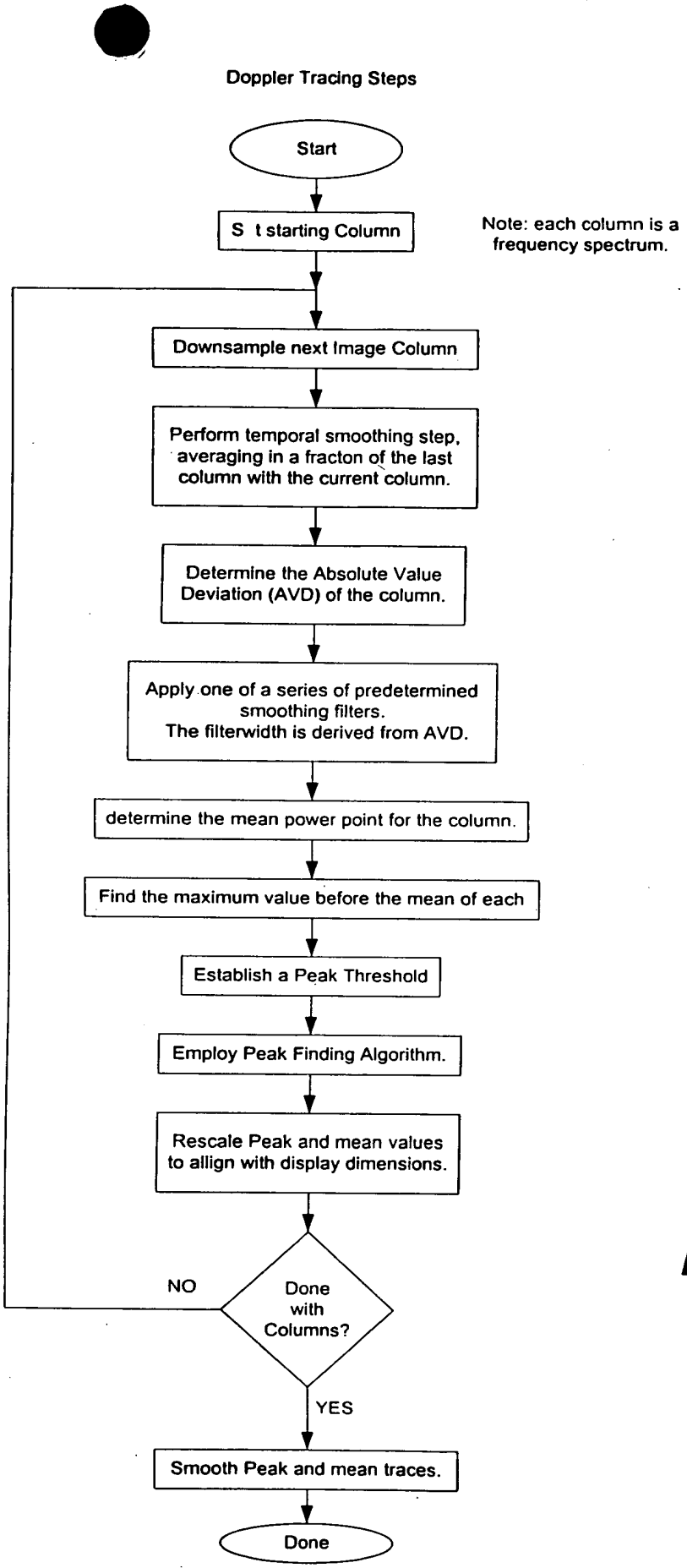


Fig 11

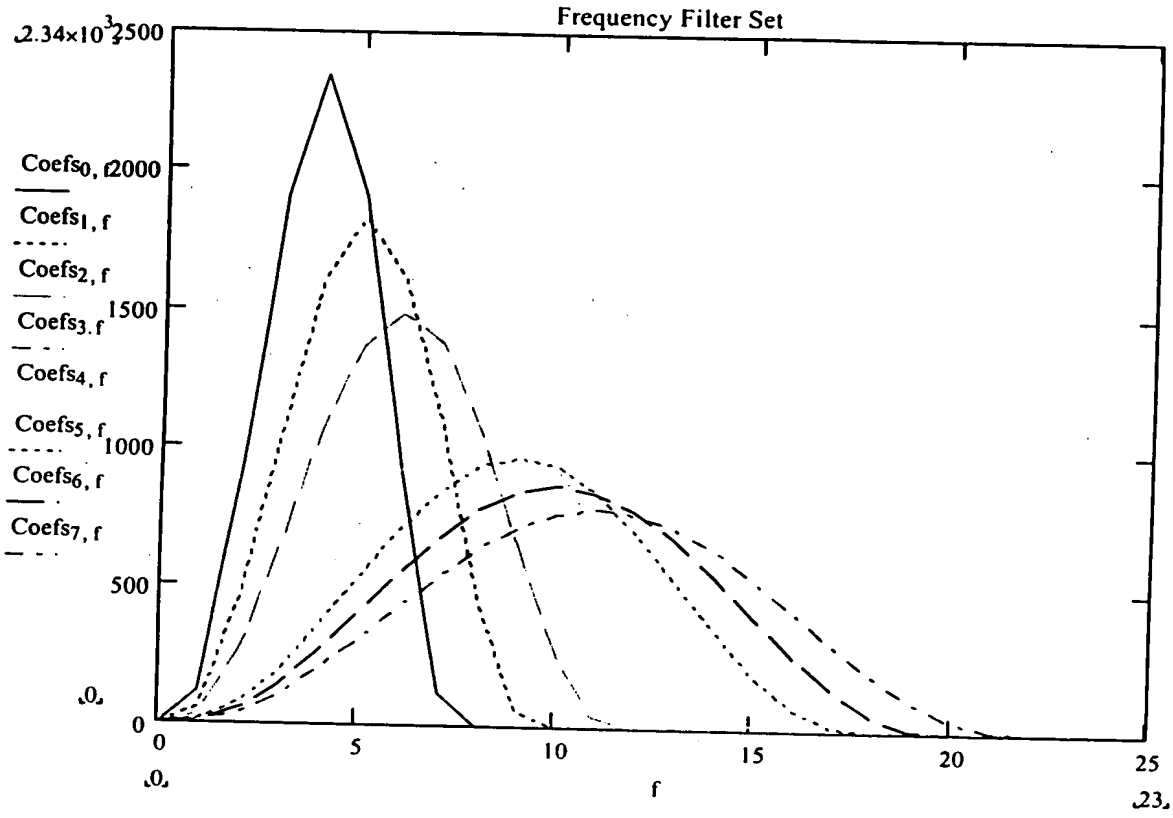


FIG. 12

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